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PATENT  
Attorney Reference Number 4641-55447

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION  
TO THE COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

24197

Transmitted herewith for filing is the patent application of:

Inventor: Noriyuki Hirayanagi

For: ALIGNMENT-MARK DETECTION METHODS AND  
DEVICES FOR CHARGED-PARTICLE-BEAM  
MICROLITHOGRAPHY, AND MICROELECTRONIC-DEVICE  
MANUFACTURING METHODS COMPRISING SAME

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Enclosed are:

- ☒ 10 pages of specification, 4 pages of claims, an abstract and a Combined Declaration and Power of Attorney.
- ☒ 5 sheets of informal drawings.
- ☒ An assignment of the invention to Nikon Corporation and a Recordation Cover Sheet.
- ☒ A certified copy of Japanese patent application no. 11-257003.

For	FILING FEE				Basic Fee
	Claims Filed	Number Free	Number Extra	Rate	
Total Claims	12	20	= 0	\$18.00	\$690.00
Independent Claims	2	3	= 0	\$78.00	\$0.00
Multiple Dependent Claim Fee				\$260.00	\$0.00
TOTAL FILING FEE					\$690.00

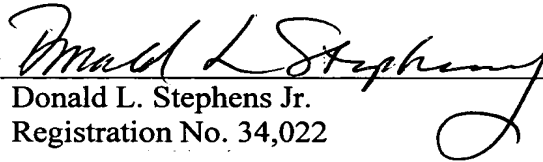
- ☒ A check in the amount of \$730.00 to cover the filing fee and the assignment recordal fee is enclosed.

- ☒ The Director is hereby authorized to charge any additional fees which may be required in connection with the filing of this application and recording any assignment filed herewith, or credit over-payment, to Account No. 02-4550. A copy of this sheet is enclosed.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL  
LEIGH & WHINSTON, LLP

Date: September 11, 2000

By   
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